

### Science Equipment K to 4

	Cluster	Supplies
Kindergarten	Trees	-Posters on Leaves & Parts of Trees (available from Northwest) -leaves laminated for sorting -pictures of different types of trees
Kindergarten	Colour	-variety of paint -art paper, sponges, clothespins and paintbrushes
Kindergarten	Paper	-variety of types of paper: cardboard, tissue paper, variety of construction paper,
1	Characteristics of Living Things	-Posters of child with body parts labeled -Soils and pots for growing plants -Animals for the Classroom: * fish * hamster -Variety of Animal Pictures
1	Senses	-film canisters -tape of sounds -Braille cards -variety of materials for touching: sandpaper                fake fur steel wool                wood cotton balls

Grade 1	Characteristics of Objects	<ul style="list-style-type: none"> <li>-old toys, small appliances, old snowsuit, old runners, etc. that can be taken apart</li> <li>-Variety of fabrics for testing waterproof/absorbent</li> <li>-variety of fasteners: buttons, zippers, shoelaces, belts, snaps, etc.</li> </ul>
1	Daily & Seasonal Changes	<ul style="list-style-type: none"> <li>-Flashlights (1 per every 2 students)</li> <li>-pictures of clothing from different seasons</li> <li>-stick or doweling for tracking shadows</li> <li>-pictures of a variety of different types of clothes worn in different seasons</li> </ul>
2	Growth and Changes in Animals	<ul style="list-style-type: none"> <li>-animals that can be observed for their life cycles</li> <li>Suggestions: <ul style="list-style-type: none"> <li>* Mealworms (from Pet Store)</li> <li>* butterfly larvae (Northwest or Boreal)</li> <li>* incubator for chicken eggs (note buy one with an automatic turner)</li> </ul> </li> <li>tadpoles</li> <li>praying mantis egg cases</li> <li>-hand lenses and microboxes (3X - 3.75 cm)</li> <li>-animal pictures (adult &amp; offspring)</li> <li>- food pictures</li> </ul>

2	Properties Solids, Liquids & Gases	<ul style="list-style-type: none"> <li>-balance scale</li> <li>-variety of solids: marbles, pieces of wood, unifix cubes, etc.</li> <li>-variety of liquids: water, vinegar, syrup, etc.</li> <li>-variety of different shaped containers</li> <li>-water table or large container to test floating and sinking objects</li> </ul>
2	Position and Motion	<ul style="list-style-type: none"> <li>-pictures of animals</li> <li>-variety of objects that move: toy cars, yo-yos, pendulum, rubber balls, hockey pucks, curling stones, marbles, etc.</li> <li>-Boards for Incline Plane</li> </ul>
2	Air & Water in the Environment	<ul style="list-style-type: none"> <li>-4 litre glass jar with lid</li> <li>-flashlight</li> <li>-2 litre pop bottles</li> <li>-water table or large container for water</li> </ul>
3	Plants	<ul style="list-style-type: none"> <li>- variety of soils</li> <li>-containers for growing plants</li> <li>-screens for making paper</li> <li>-variety of different types of plants for observation and growth</li> </ul>

3	Materials & Structures	<ul style="list-style-type: none"> <li>-straws, popsicles, toothpicks, spaghetti and polystyrene foam</li> <li>-paper clips, pipe cleaners, twist ties, plasticine, nails</li> <li>-dominoes</li> <li>-Leggo</li> <li>-K'NEX</li> <li>-Book "Structures Too" (Exclusive)</li> </ul>
3	Attract & Repel	<ul style="list-style-type: none"> <li>-variety of magnets:</li> <li>bar magnets</li> <li>horseshoe magnets</li> <li>* magnetic "wand"</li> <li>floating magnetic rings</li> <li>-iron filings (some in sealed case)</li> <li>-compass(s)</li> <li>-nails, paper clips, straws, buttons,</li> <li>-fabric (cotton, wool, polyester, silk, carpet sample, etc.)</li> <li>-balloons</li> <li>-plastic combs</li> </ul>
3	Soils and the Environment	<ul style="list-style-type: none"> <li>-variety of soils</li> <li>clay</li> <li>sand</li> <li>humus</li> <li>loam</li> <li>-Variety of screening devices:</li> <li>sieves, colander, screens</li> <li>-small glass jars</li> <li>-pots for growing indoor plants</li> <li>-plants</li> </ul>

4	Habitats & Communities	<ul style="list-style-type: none"> <li>-hand lens</li> <li>-microboxes</li> <li>-owl pellets</li> <li>-variety of animal &amp; bird pictures (beaks and feet)</li> <li>-pictures representing different Manitoba habitats</li> <li>- Games for Food Chain: "In the Forest" "Predator"</li> </ul>
4	Light	<ul style="list-style-type: none"> <li>-flashlights</li> <li>-mirrors</li> <li>-clear plastic tub or small aquarium</li> <li>-aluminum foil or pie plate</li> <li>-a variety of objects that reflect, or produce light</li> <li>-Mylar</li> </ul>
4	Sound	<ul style="list-style-type: none"> <li>-tuning forks</li> <li>-variety of pictures of objects and living things that produce sound</li> <li>-variety of objects that make noise</li> <li>-glass juice bottles, paper towel rolls, balloons, rubber bands, string, paper cups, soup cans</li> <li>-film canisters</li> </ul>
4	Rocks, Minerals & Soils	<ul style="list-style-type: none"> <li>-variety of rocks, minerals and fossils</li> <li>-magnifying glasses</li> <li>-scale for weighing rocks</li> <li>-measuring tapes</li> <li>-plastic containers (margarine containers)</li> <li>-sand</li> <li>-sand table for exploring erosion</li> <li>-</li> </ul>



